

**OTHER 38784-AMCOM\_ SUPPLEMENT**  
**38784\_AMCOM DTD AND FOSI SUPPLEMENT**

HOW to use a modified version of the  
Army's MIL-STD 38784 DTD and FOSIs

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**U.S. ARMY AVIATION AND MISSILE COMMAND**

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Cover .....	0	3-1 .....	1
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1-2 Blank .....	1	3-6 .....	0
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## 38784\_AMCOM DTD and FOSI Supplement HOW to use a modified version of the

### Army's MIL-STD 38784 DTD and FOSIs

#### REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be of use in improving this documentation should be addressed to: Commander, U.S. Army Aviation and Missile Command (AMCOM), ATTN: AMSAM-MMC-MA-NP (LEACH), Redstone Arsenal, AL 35898-5000 or e-mail to: Allissa.Leach@redstone.army.mil.

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## CHAPTER 1 OVERVIEW

### SECTION I. SCOPE

This supplement will address the changes to the DTD and FOSI supplied by AMCOM.

### SECTION II. APPLICABLE DOCUMENTS

All legacy Technical Manuals may be converted from paper, Word, or other electronic form using the AMCOM MIL-STD 38784 DTD and FOSIs.

### SECTION III. IDENTIFYING ERRORS OR ISSUES

Submittal of problems or recommended changes to the DTD and FOSI should use the layout as described below. The more detail and narrative you provide the better we can understand your issues.

Element Name	<inspec-form>
Sample XML	See attached XML file named: problem-inspec-form.xml and sample PDF
Narrative and Description of Problem or Recommended Change	Your name, Your Organization Name and Address, Phone Number and/or DSN Number
POC E-mail Address	Your E-mail Address

### SECTION IV. GRAPHICS

#### NOTE

**As a rule of thumb, make sure the Graphic size for graphics are full page, ½ page, ¼ page, or 1/8 page of at least 600 DPI. Determine the size of the graphic by measuring from the top of the graphic to the bottom. More than one illustration may be placed in the designated graphic area. The illustrator should design the graphic to fit the given dimension. Shrinking and enlarging may lose clarity of the illustration.**

Reference the document titled "Printer\_Setting\_for\_CGM\_Graphics.PDF. This document illustrates how to verify the settings for your printer to properly output an EPIC generated PDF that has CGM graphics. Contact your System Administrator to modify your printer settings.

### SECTION V. TOUCH UP AND PROCESS INSTRUCTIONS

Touchup (Process instruction or PI) should be used cautiously. Before using PIs in Arbortext, consult Publication Services DTD/FOSI team. Refer to Section III to submit a problem report to the Publication Services DTD/FOSI administrator.





## CHAPTER 2

### FOSI'S

The following is a list of FOSIs to use in concert with the AMCOM 38784 DTD.

**Table 2-1. AMCOM 38784 FOSIs**

FOSI Name	Description
PM95by7Series.FOS	Landscape 9.5in x 7 in
	TABLE attributes: PGWIDE = blank or 1, defaults to one column. PGWIDE=0, denotes two column.
	<b>NOTE</b>  Don' t forget to size you table width to fit the column width.
	<p>Tablestyle = PMS will automatically put the FOD statement above the page number at the bottom of the page. FOD statement at bottom of each page of the table output.</p> <p>Tablestyle=PM and pgwide = 0, will span the table across two columns (one column table). No FOD statement at bottom of each page of the table output.</p> <p>Tablestyle=PMD and pgwide=0 will span the table across two columns (one column table). No title is outputted. The table will begin on the next page. FOD statement at bottom of each page of the table output.</p>
PMSeries.fos	Landscape 9.5in x 7 in TABLE attributes: PGWIDE = blank or 1, defaults to one column. PGWIDE=0, denotes two column.
	<b>NOTE</b>  Don' t forget to size you table width to fit the column width.
	<p>To output the FOD message do one of the following:</p> <p>If &lt;chapter&gt; is the PM Checklist then set the attribute "contype" =proc</p> <p>If &lt;section&gt; is the PM Checklist then set the attribute "contype" =proc</p>
PM1x85Series.fos	Landscape 11 in x 8.5in
	<p>Tablestyle = PMS will automatically put the FOD statement above the page number at the bottom of the page. <b>No FOD statement at bottom of each page of the table output.</b></p> <p>Tablestyle=PMD and pgwide=0 will span the table across two columns (one column table). No title is outputted. Page will being on same page. FOD statement at bottom of each page of the table output.</p> <p>Tablestyle=PM and pgwide = 0, will span the table across two columns (one column table) output. FOD statement at bottom of each page of the table output.</p>
AMCOM-Paranumber.fos	Paragraph number is structured as 1. a. (1) (a) <u>1</u> <u>a</u>
AMCOM-Pointnumber.fos	Paragraph numbering is point numbered, i.e., 1.1.1.2.1
SB.fos	Supply Bulletin
MWO.fos	Modification Work Order
TB.fos	Technical Bulletin



## CHAPTER 3

### ELEMENTS AND ATTRIBUTES

#### SECTION I. ATTRIBUTES ON ELEMENTS ARE ESSENTIAL.

Here is a list of elements and how to modify attributes for your Technical Document.

1. Column 1: Element Name
2. Column 2: Attribute Name. An asterick (\*) denotes the attribute is required.
3. Column 3: Explanation of the content of the attribute and how it is used by the FOSI.

The first column denotes the element name. The Second column denotes the attribute name. The third column denotes whether the attribute is required. The fourth column denotes the explanation how the attribute is used by the FOSI.

**Table 3-1. Element to Attribute Matrix**

Element	Attribute Name	Content
Doc	Columns	=two default Two Columns; =one denotes one column
	Docstat	Default=prelim
	Docid	The docid value for pubno is automatically generated in the tmidno tags. Put the pub number as appropriate in the element doc attribute docid i.e., "TM 9-1425-646-12"
Doctype	pubtype	After selecting, the text will be automatically generated.
		=dmwr, outputs "DEPOT MAINTENANCE WORK REQUIREMENT "
		=nmwr-dmwr, outputs "DEPOT MAINTENANCE WORK REQUIREMENT CONTAINING NATIONAL MAINTENANCE REPAIR STANDARDS "
		=tm, outputs "TECHNICAL MANUAL"
		=other, outputs your typed text
		=mwo, outputs "MODIFICATION WORK ORDER"
		=tb, outputs "TECHNICAL BULLETIN"
		=sb, outputs "SUPPLY BULLETIN"
effdatenot		The effective date will be outputted at the top of the cover page above the TM number.
supersede		The * will be automatically put on your Pub Number on the cover page and "i" page when the <supersede> tag is inserted into the document.
change	mark	Use <change mark=0> on roll-over data to show the change number at the bottom but no change bars.
	level	Change level number, ie. 2 for change 2

Table 3-1. Element to Attribute Matrix — Continued

Element	Attribute Name	Content
Changest and changeend	mark	=1 will show the change bar on the text. Must set =1 on both changeest and changeend
		=0 will only display the change number without change bars on the page.
	level	Change level number, ie. 2 for change 2
		Use inside <figure> and <table> tags. For example, "...<para0><changest level="1" change="add" mark="1" security="u">...<changeend level="1" change="add" mark="1" security="u"><table><changest level="1" change="add" mark="1" security="u">...<changeend level="1" change="add" mark="1" security="u"></table><figure ...><changest level="1" change="add" mark="1" security="u">...<changeend level="1" change="add" mark="1" security="u"></figure></para0>
distrib	type	<b>NOTE</b>  The distribution statement or box will no longer be auto generated within the content tag. The distrib tag is now required above the contents tag.
		The distribution tag is on the cover. The content is defined there when you choose the type - note that if it's not A, you will need to type the appropriate statement.
		When distribution is to appear again on the i page (TOC), you will need to put the distrib tag right before the content tag and identify its "type". This will recreate the distribution statement and associated statements on the i page (TOC) as it appears on the cover.
		=A: will pre-populate the statement.
		=B:, C:, D:, F:, or X: - Type in the appropriate statement as directed in AR 25-40 and DoD Directive NO. 5230-24 dated 18 Mar 1987.
contents	levels	* Only applies to DMWRs, TMs.
		= 0 - displays no TOC
		= 1 - displays only the chapter level of the document
		= 2 - displays the regular structure (chapter and indented Sections)
		= 3 - displays Chapters, indented Sections and further indented Para0s.
	HQ	HQ sets the Headquarters address, otherwise for Command Pubs leave blank.
pubdate		,pubdate> 30 April 1987</pubdate> will use upper and lower case (it will appear here in upper case but upper and lower elsewhere-when needed)

Table 3-1. Element to Attribute Matrix — Continued

Element	Attribute Name	Content
rev-video		Type the letter(s) for the designator. The text output will be white on a black background
appendix	label	Set = appendix will not put the appendix Title at the top of the page when the appendix contains only a table. The table title is used as a page header.
chapter	label	=nonum, used when TBs, MWOs, and SBs do not have chapters
	contype	=proc if the chapter is the PM Checklist and you are using the PMSeries.fos
para0	tocitem	=1 when you want to display the para0 title in the TOC
	contype	Proc - centers the title in all caps with the number or label. In the MWO the output would display "PART" or "TASK" before the para0 title.
	unit	Adjusts alignment of the paragraph number with no title
emphasis		= UNDL. The emphasis tag for underline should be "undl" and will need to be changed if your book is old and has underline emphasis settings to "underline". Text and spaces will be underlined.
		= DOTFILL will put leader dots after the text to the next column (used in tables at this time).
		e = SUPSCRPT will put the text at the top of the text.
		= SUBSCRIPT will put the text at the bottom of the text.
		= ITALIC will italicize the text.
		= BOLDITALIC will bold and italicize the text.
		= BOLD will bold the text.
		= BOLDUNDL will bold and underline the text and spaces.
		= UNDLITALIC will underline and italicize the text and spaces.
		= QUOTE will put double quotes around the text.

Table 3-1. Element to Attribute Matrix — Continued

Element	Attribute Name	Content
graphic	Pgwide	=0 will span the page width
	Graphsty	=land1, rotates the graphic as landscape, the title, page number and headers are still portrait
	orient	=land1 , orientation of the entire page is landscape
		Page number
		Change level number
		Page number of blank page
		Set on or off to display the change bar
		=land1, orientation of the entire page is landscape
		=port, orientation of the entire page is portrait
		This is how you tell the table to span the whole page or to only use half.
		= 1 is the default which tells the table to span the whole page.
		= 0 tells the table that it only needs to use half.
		= 17, for 11in x 17in
		= 25, for 11in x 25in
		= 35, for 11 x 35in
		= 45, for 11x45in
		=proc if the section is the PM Checklist and you are using the PMSeries.fos
		MWOs do not have sections or chapters. Set labe=nonum on the second chapter para0.
		=port, orientation of the entire page is portrait
Pgbrk	Pgnumber	Page number
	chglevel	Change level number
	pageblank	Page number of blank page
	chgmark	Set on or off to display the change bar
figure	orient	=land1, orientation of the entire page is landscape
		=port, orientation of the entire page is portrait
	pgwide	This is how you tell the table to span the whole page or to only use half.
		= 1 is the default which tells the table to span the whole page.
		= 0 tells the table that it only needs to use half.

Table 3-1. Element to Attribute Matrix — Continued

Element	Attribute Name	Content
foldout	pgstyle	= 17, for 11in x 17in
		= 25, for 11in x 25in
		= 35, for 11 x 35in
		= 45, for 11x45in
section	contype	=proc if the section is the PM Checklist and you are using the PMSeries.fos
		MWOs do not have sections or chapters. Set labe=nonum on the second chapter para0.
Section, Para0, subpara1, subpara2, subpara3, subpara4, subpara5, subpara6, subpara7	spacing	= 0 or blank, prespace = 12pt min, 12 pt preferred, 12 pt maximum = 2pt, prespace = 2pt min, 4 pt preferred, 6 pt maximum = 4pt, prespace = 4pt min, 6 pt preferred, 8 pt maximum = 6pt, prespace = 6pt min, 8 pt preferred, 10 pt maximum = 8pt, prespace = 8pt min, 10 pt preferred, 12 pt maximum = 10pt, prespace = 10pt min, 12 pt preferred, 14 pt maximum
table	tabstyle	= OIP which will create the heading required for Overhaul Inspection Procedures table.
		= PARTNO-LIST is used in the Appendices. This allows the Appendix title to appear, the part number listing table to appear without a title, but for the remaining pages to have the title “-continued” at the top.
		= RPSTL makes all the table text 8 font (to squeeze it on the page).
		= RPSTL7 makes all the table text 7pt. PMD and PMS not used here.
	frame	identifies the outside frame appearance of your table
	Colsep and rowsep	= 1 puts a separating line between columns or rows, leaving the attribute empty
		= 0 removes column or row borders.
	orient	=land1 , orientation of the entire page is landscape
		=port, orientation of the entire page is portrait
	cellcont	tells the table to either use continued or cont.
	pgwide	This is how you tell the table to span the whole page or to only use half.
		= 1 is the default which tells the table to span the whole page.
		= 0 tells the table that it only needs to use half.
	label	= nonum, table is numbered
		= nonum-cont, “-Continued” is omitted when the table continues to the next page

Table 3-1. Element to Attribute Matrix — Continued

Element	Attribute Name	Content
Chapter Section Para0 Subpara Step Figure Table Foldout FO Appedix Subpara step	xid	These references only need an XID if they are being referenced elsewhere. If you want to XID all of these in your manual, it is entirely up to you.
		Chapter 3-1 would be xid=chp3-1
		Section 1 would be sct=1
		Para0 3 would be par3
		Subpara1 would be sub3-1
		Step1 would be stp1
		Figure 1 would be fig1
		Table 2 would be tbl2
		Foldout 1 would be FO1
		Appendix A would be appa
		Appendix B would be appb, etc.
title		For consistency throughout AMCOM Publications, title tags for Para0 and Section are displayed in the body of the publication as all upper case no matter how you type it. BUT, these titles will be displayed in the Table of Contents as you typed them (either upper case or title case). You say, "HUH?" Here's an example: If I type <title> I'm The Title </title> - it will show up in the body of your book as "I'M THE TITLE, but will be in the Table of Contents as "I'm The Title". If I type <title> I'M THE TITLE </title> - you'll see "I'M THE TITLE" in all-caps in the body of your book AND in the Table of Contents.
		In a table set =nomum-cont to put the table title on the next page without the words "-Continued".
xref	xref	Cross reference of item, ie. xref=Fig4-4 will display Figure 4-4.
extref	tmref	Cross reference of external referenced document, tmref=ar725-50 will display AR 725-50 as it is listed in the Appendix <lrpentry>
Lrpentry	tmid	Tmid=tbar725-50 will set the id of the publication you list. See <extref>
Defhd		Enter the Alphabet character of the letter of the following definitions. This is used in the <deflist> in a glossary or list.
pritle	Fntsize	Determine font size to the <p;rtitle> when data exceeds 24 lines.
		=12 is the default
		=10 is 10pt
idinfo	tmidnolen	=10 default
		Enter the spacing required to shrink or expand the spacing of the pritle tag



Table 3-1. Element to Attribute Matrix — Continued

Element	Attribute Name	Content
supbara1 (only in Paranumber FOSI)	idxentry	=1 Default; saves the title to display in the index
		= 0; does not save the title text to display in the index; Set = 0 when the subpara has no title.

SECTION II. SAMPLE COVER FOR A TM

This is a sample Cover for a Technical Manual.

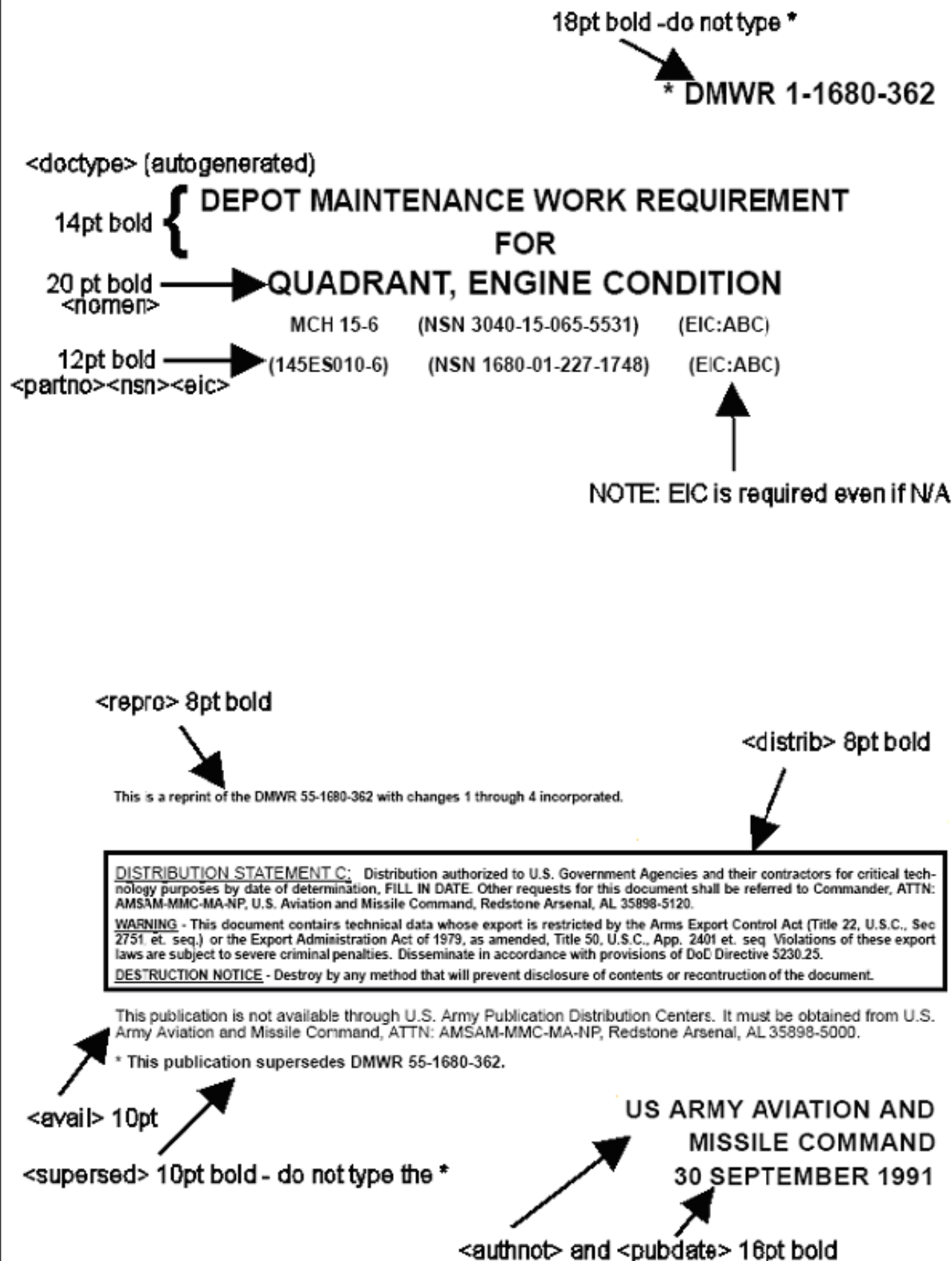


Figure 3-1. Sample TM Cover